

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

008439

7590

01/20/2004

ROBERT E. BUSHNELL  
 1522 K STREET NW  
 SUITE 300  
 WASHINGTON, DC 20005-1202



Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

|                    |
|--------------------|
| (Depositor's name) |
| (Signature)        |
| (Date)             |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/756,865      | 01/10/2001  | Jong-Seo Choi        | P56289              | 6204             |

TITLE OF INVENTION: CATHODE MATERIAL FOR ELECTRON BEAM APPARATUS

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$300           | \$1630           | 04/20/2004 |

| EXAMINER           | ART UNIT | CLASS-SUBCLASS |
|--------------------|----------|----------------|
| WILLIAMS, JOSEPH L | 2879     | 313-34600R     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Robert E. Bushnell, Esq.

2. \_\_\_\_\_

3. \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Samsung SDI Co., Ltd.,

Suwon-si, Gyeonggi-do, KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee

☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

Robert E. Bushnell, Esq. 27,774

4/15/2004

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

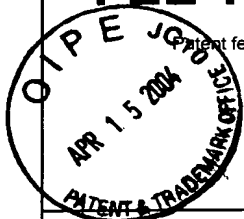
04/16/2004 MGBREH2 00000021 09756865

01 FEE:1501  
02 FEE:15041330.00 OP  
300.00 OP

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

Patent fees are subject to annual revision.



## Complete if Known

|                      |                     |
|----------------------|---------------------|
| Application Number   | 09/756,865          |
| Filing Date          | 10 January 2001     |
| First Named Inventor | JONG-SEO CHOI       |
| Examiner Name        | WILLIAMS, JOSEPH L. |
| Group/Art Unit       | 2879                |
| Attorney Docket No.  | P56289              |

TOTAL AMOUNT OF PAYMENT

(\$)**1630.00**

## METHOD OF PAYMENT (check one)

## FEE CALCULATION (continued)

1. ☐ The Commissioner is hereby authorized to charge any deficiencies:

## 3. ADDITIONAL FEES

Deposit Account Number: **02-4943**

| Large Entity              |          | Small Entity |          | Fee Description  | Fee Paid   |
|---------------------------|----------|--------------|----------|--|------------|
| Fee Code                  | Fee (\$) | Fee Code     | Fee (\$) |  |            |
| 1051                      | 130      | 2051         | 65       | Surcharge-late filing fee or oath  | \$         |
| 1052                      | 50       | 2052         | 25       | Surcharge-late provisional filing fee or cover sheet                       | \$         |
| 1053                      | 130      | 1053         | 130      | Non-English specification  | \$         |
| 1812                      | 2,520    | 1812         | 2,520    | For filing a request for reexamination                                     | \$         |
| 1804                      | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     | \$         |
| 1805                      | 1,840 *  | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        | \$         |
| 1251                      | 110      | 2251         | 55       | Extension for reply within first month                                     | \$         |
| 1252                      | 420      | 2252         | 210      | Extension for reply within second month                                    | \$         |
| 1253                      | 950      | 2253         | 475      | Extension for reply within third month                                     | \$         |
| 1254                      | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    | \$         |
| 1255                      | 2,010    | 2255         | 1,005    | Extension for reply within fifth month                                     | \$         |
| 1401                      | 330      | 2401         | 165      | Notice of Appeal   | \$         |
| 1402                      | 330      | 2402         | 165      | Filing a brief in support of an appeal                                     | \$         |
| 1403                      | 290      | 2403         | 145      | Request for oral hearing   | \$         |
| 1451                      | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              | \$         |
| 1452                      | 110      | 2452         | 55       | Petition to revive - unavoidable   | \$         |
| 1453                      | 1,330    | 2453         | 665      | Petition to revive - unintentional   | \$         |
| 1501                      | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   | \$1,330.00 |
| 1502                      | 480      | 2502         | 240      | Design issue fee   | \$         |
| 1503                      | 640      | 2503         | 320      | Plant issue fee  | \$         |
| 1460                      | 130      | 1460         | 130      | Petitions to the Commissioner  | \$         |
| 1504                      | 300      | 1504         | 300      | Publication fee for early, voluntary, or normal publication                | \$ 300.00  |
| 1806                      | 180      | 1806         | 180      | Submission of Information Disclosure Statement                             | \$         |
| 8021                      | 40       | 8021         | 40       | Recording each patent assignment per property (Times number of properties) | \$         |
| 1809                      | 770      | 2809         | 385      | Filing a submission after final rejection (37 C.F.R. §1.129(a))            | \$         |
| 1810                      | 770      | 2810         | 385      | For each additional invention to be examined (37 C.F.R. §1.129(b))         | \$         |
| 1801                      | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    | \$         |
| 8001                      | 3        |              |          | Printed copy of patent w/o color   | \$         |
| Other Fee (specify) _____ |          |              |          |  | \$         |

## 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     | \$       |
| 1002         | 340      | 2002         | 170      | Design filing fee      | \$       |
| 1003         | 530      | 2003         | 265      | Plant filing fee       | \$       |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     | \$       |
| 1005         | 160      | 2005         | 80       | Provisional filing fee | \$       |

**SUBTOTAL (1) (\$)0.00**

## 2. EXTRA CLAIM FEES

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total claims       | -20** = 0 x  | 18.00          | = 0.00   |
| Independent Claims | - 3** = 0 x  | 86.00          | = 0.00   |

Multiple Dependent =

\*\* or number previously paid, if greater; For Reissues, see below

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                          |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |
| 1204         | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2) (\$)0.00**

\*\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$1630.00**

## SUBMITTED BY

## Complete (if applicable)

|                       |                          |  |             |                |                         |
|-----------------------|--------------------------|--|-------------|----------------|-------------------------|
| Typed or Printed Name | Robert E. Bushnell, Esq. |  | Reg. Number | 27,774         |                         |
| Signature             |                          |  | Date        | April 15, 2004 | Deposit Account User ID |

REB/ny

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



Patent  
P56289

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

JONG-SEO CHOI, et al.

Serial No.: 09/756,865

Examiner: WILLIAMS, JOSEPH L.

Filed: 10 January 2001

Art Unit: 2879

For: CATHODE MATERIAL INCLUDING RARE EARTH METAL USED AS  
ELECTRON EMISSION SOURCE FOR ELECTRON BEAM APPARATUS

**ISSUE FEE TRANSMITTAL**

**Mail Stop : ISSUE FEE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This transmittal accompanies a signed Issue Fee Transmittal, PTOL-85B, and Applicant's check drawn to the order of the Commissioner of Patents & Trademarks in the amount of U.S. \$1,630.00.

Respectfully submitted,

Robert E. Bushnell, Esq.  
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
(202)-408-9040

Enclosures: Issue Fee Transmittal, PTOL-85B, and check No.45518  
Folio: P56289  
Date: April 15, 2004  
REB/ny